AAUW Fund Event November 7, 2021



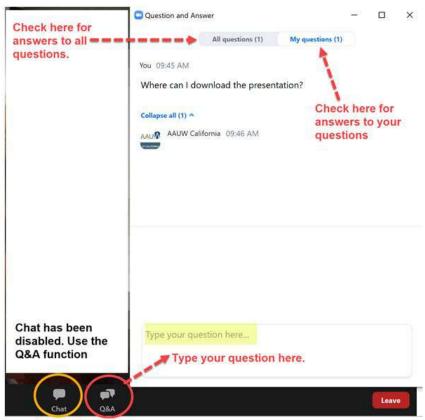


Presentation materials:

- Download the presentation from the AAUW California website home page.
- The meeting recording, a summary Q&A document and example documents will be posted following the meeting.

Questions:

- Use the Q&A function to pose a question. We'll stop periodically to answer general questions.
- Chat has been disabled.





Welcome and Introductions



Lynne Batchelor Chair, AAUW California Fund Committee



Dianne Owens AAUW California President



Tremayne Parquet AAUW Deputy Director of Advancement



Tara Gonsalves, Ph.D.

American Fellowship



Trans Circulations

Globalizing gender categories

University of California-Berkeley



Research Streams

- Unruly Categories: The Transnational Circulation of "Transgender"
- Embodied Boundaries: Medical Expertise and (Trans)Gender Classification
- Founding and Cross-National Networking of Domestic LGBT Associations



Home News

NEWS

Home Coronavirus Climate Video World US & Canada

US & Canada

Merriam-Webster: Non-l 'they' is word of year

() 10 December 2019





Singer Sam Smith came out as non-binary this year, and conf

Merriam-Webster has named "they" its word of the year.

The US dictionary also recently added a new definition of "they use as a singular personal pronoun for non-binary people.

Searches for "they" on Merriam-Webster's website were 313% I than they were in 2018.

British pop star Sam Smith came out as non-binary in March, and September confirmed on Instagram that their pronouns were "(The New York Times

OPINION GUEST ESSAY

Where in the World Are All the Trans Children? Everywhere.

June 23, 2021

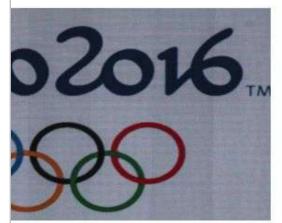


Illustration by The New York Times, photographs by Justin Pumfrey, Annie Otzen, Cavan Images, via Getty Images

News Afghanistan Features Economy Opinion Video

nmittee relaxes rules on rathletes

nsgender athletes will not be required to have will still need hormone treatment.



ly for this year's Olympics in Rio de Janeiro [EPA]

0 9

ould be allowed to compete in the Olympic Games and other hout first undergoing sex reassignment surgery, the Committee has said..

e IOC told The Associated Press on Sunday that they had lapt to current scientific, social and legal attitudes on

Katherine Corn, Ph.D

American Fellowship



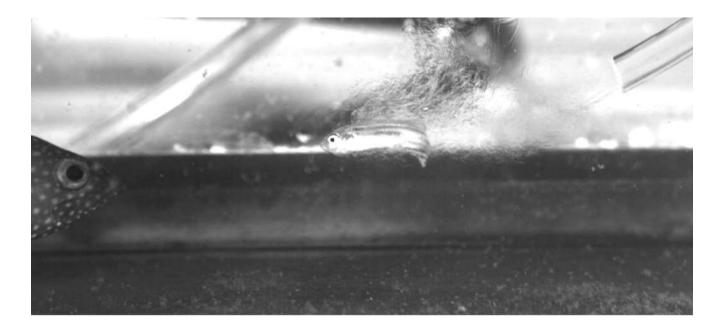
Effect of Coral Reefs on the Evolution of Fish Feeding

University of California-Davis Evolutionary Biology



Effects of coral reefs on evolution of fish feeding mechanisms Katherine Corn, PhD Candidate

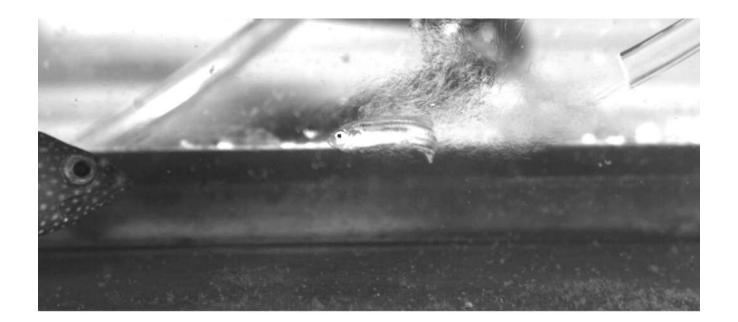
Suction feeding is the dominant feeding mechanism used by aquatic vertebrates, and provides access to nearly all evasive prey





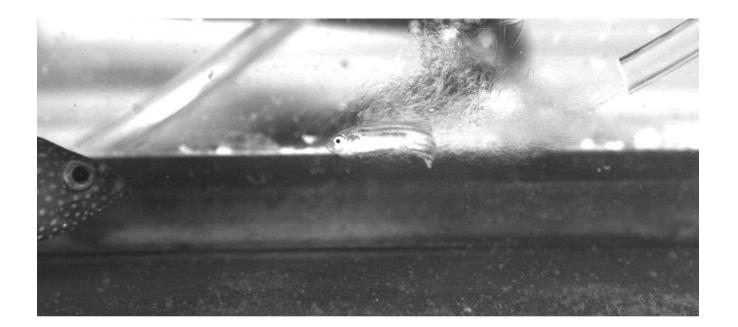
9

Suction relies on rapid expansion of the head and jaws to pull in water and a prey item





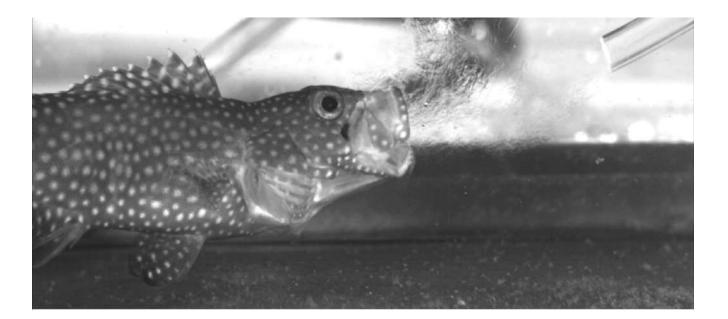
Suction relies on rapid expansion of the head and jaws to pull in water and a prey item





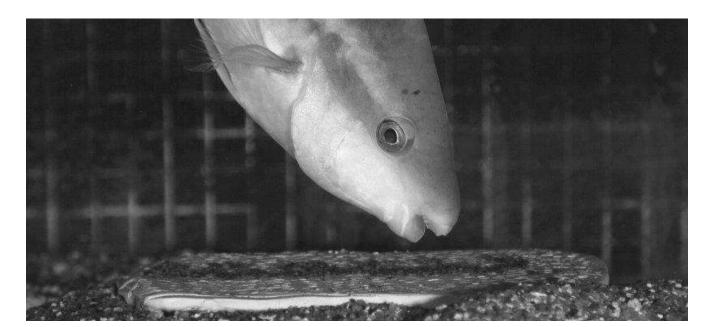
11

Suction relies on rapid expansion of the head and jaws to pull in water and a prey item





Biting feeding modes allow access to attached prey such as algae, corals, and sponges





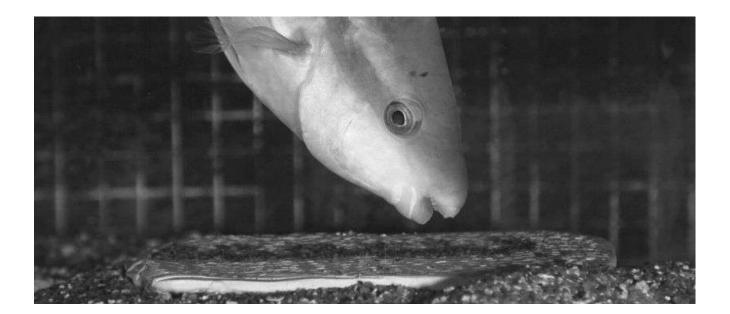
14

Biting relies on compression of the feeding apparatus to scrape or graze prey



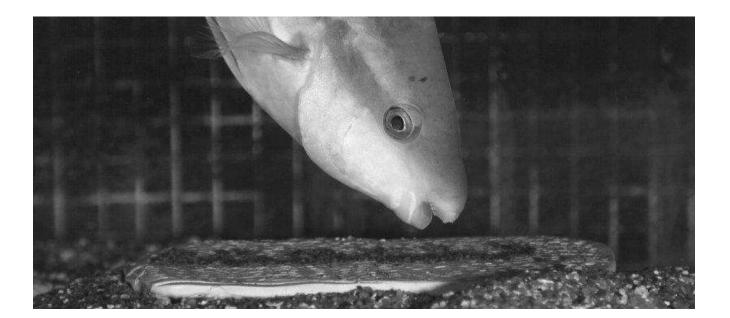


Biting relies on compression of the feeding apparatus to scrape or graze prey





Biting relies on compression of the feeding apparatus to scrape or graze prey





Studying the mechanics of prey capture helps us understand how organisms interact with their physical world

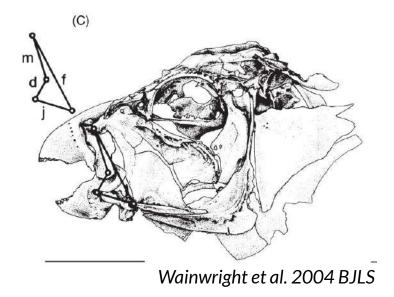


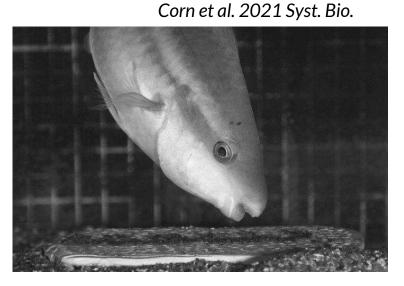
Studying the mechanics of prey capture helps us understand how organisms interact with their physical world

How do the constraints of living in such a physical world affect the evolutionary processes that result in the spectacular diversity of organisms we have today?



My work has shown that mechanical trade-offs inherent to using biting result in slowed evolution of the kinematics of feeding strikes, but accelerated evolution of the underlying anatomy





Kaitlyn Creasy, Ph.D.

American Fellowship



Stubborn Social Emotions and Their Harms

California State University-San Bernardino Philosophy



STUBBORN SOCIAL Emotions and their Harms

Kaitlyn Creasy, PhD

EMOTIONAL RECALCITRANCE

- the stubborn persistence of certain emotional states even in the face of beliefs or judgments that conflict with them
- ex: "irrational" fear of flying



THE PROBLEM OF EMOTIONAL RECALCITRANCE

- recalcitrant emotions are "irrational" ("unfitting"), involving a tension or mismatch between what one feels in the throes of a particular emotion and what one believes or judges (D'Arms and Jacobson 2003; Brady 2013; Helm 2015)
- recalcitrant emotion is in tension with my "better judgment," which should win out
- Philosophers of emotion typically appeal to a common feature—irrationality— to explain what is troubling about recalcitrant emotions (and why we should want to be rid of them).

EXAMPLE: MARILYN

- familiar with the fact that women who comport themselves assertively in the workplace risk seeming less likeable and suffering professional consequences (Williams and Tiedens 2016), but still judges it worthwhile and important to assert herself in her workplace
- offers frank critique of colleague's proposal during meeting
- experiences shame at her assertiveness



OBSTINATELY SELF-DEPRECATING SOCIAL EMOTIONS

- Emotions that are...
 - □ self-regarding
 - \Box negative
 - □ persistent
 - conflict with self-affirming,
 reflectively endorsed beliefs
 about oneself
 - result from socially and culturally inculcated ideas and habits of feeling



THE HARMS OF Stubborn Social Emotions

(obstinately self-deprecating social emotions)

1. THEY DISRUPT ONE'S ABILITY TO SELF-DETERMINE

 OSSE fragment one's inner life, hindering wholehearted endorsements of her desires, instincts, and decisions, and inclining her to act in ways she judges she ought not to act.



We see this in the case of Marilyn, who 1) is concerned with negative self-evaluations that she judges unworthy of her concern and 2) will likely feel inclined just in virtue of her shame to be less assertive next meeting.

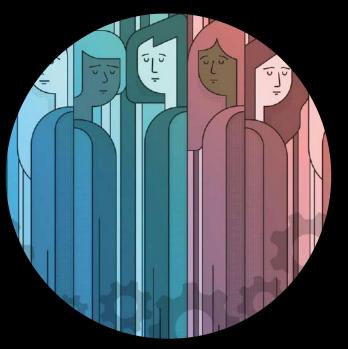
2. THEY IMPEDE POSITIVE SELF-REGARD, WHICH IS CRITICAL FOR ONE'S EMPOWERMENT.



 OSSE tend to disempower those who experience them, and this occurs via the subtle undermining of one's own sense of self-regard (Dillon 1997).

3. THEY DISPROPORTIONATELY HARM MARGINALIZED PEOPLES

 Members of socially subordinated groups are more likely to experience
 OSSE (Jaggar 1989) and thus are
 especially at risk for their associated
 harms.



Faheema Eissar, M.S.

International Fellowship



Economics

International development economics

University of San Francisco Development Economics



Program Overview

This one of a kind Master of Science in International and Development Economics (IDEC) provides students with the knowledge and skills to understand how market forces can be harnessed to empower developing countries to break from cycles of poverty, and examines the importance of institutions that regulate market forces.



Learning Outcomes

Understand the application of modern micro and macroeconomic theory to the key problems of economic development

- ~ Design and carry out a fieldwork-based research project
- ~ Conduct original quantitative empirical analysis of an international or development economics problem.
- ~ Effectively communicate research finding both in writing and orally



Field Study and Thesis

The program integrates rigorous training in quantitative economics with overseas field study.

An internship that involves a 1-3 month period of field study in a developing country. Universities in countries such as the Philippines, El Salvador, and others have partnered with USF for the field study program. In most cases, research data and interviews obtained during field study will be applied toward the master's research project.



Yessica Garcia Hernandez

American Fellowship



Intoxicating Pleasures

Jenni Rivera and the sexual politics of fan cultures

San Francisco State University

Latinx Sexualities, Cultural Studies, Working-class Epistemologies, Performance Studies, Girlhood Studies



Who is Jenni Rivera?

•Chicana singer in the genre of Banda Sinaloense

- •Raised in Long Beach, CA (aka Playa Larga)
- Achieved international fame in genre of Banda Sinaloense
- Sold more than 15 million records
- Single mother of 5 children
- •Complex Personal life









Intergenerational

Latina Fandom





Research Questions

- How did working-class Latina/Chicana girls, women, and queer fans make sense of Jenni's music and what role did her music play in their lives?
- What is the social significance of the intergenerational mother-daughter fan culture that is cultivated through Jenni's following?
- How do the class politics of Banda music influence the agitations toward Jenni and her fans? And how do these class associations shape MeXican respectability politics?
- Why do antifans get agitated that Jenni fans become a visible extension of her gender and sexual politics?





Zahra Hayat, Ph.D.

American Fellowship



The Scandal of Access

Drug price, quality and property in Pakistan

University of California-Berkeley Sociocultural Anthropology



Melissa Middeldorp, Ph.D.

International Fellowship



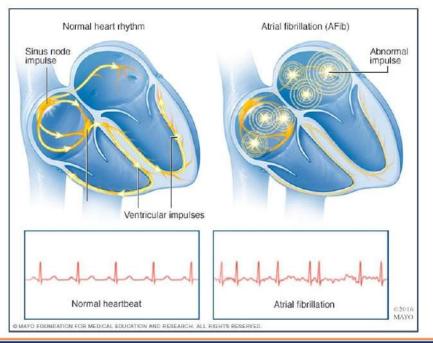
Health and Medical Sciences

Cardiology

Cedars Sinai Smidt Heart Institute Postdoctoral Cardiology Research Fellow



What is Atrial Fibrillation (AF)



SYMPTOMS

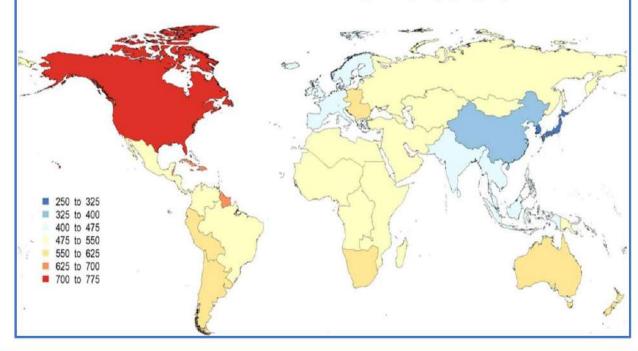
- Palpitations
- Shortness of breath
- Dizziness
- Lethargy/Fatigue
- Chest Pain
- No symptoms

TYPES OF AF

- Paroxysmal short, intermittent
- Persistent long episodes
 >7days
- Long-standing Persistent >1year

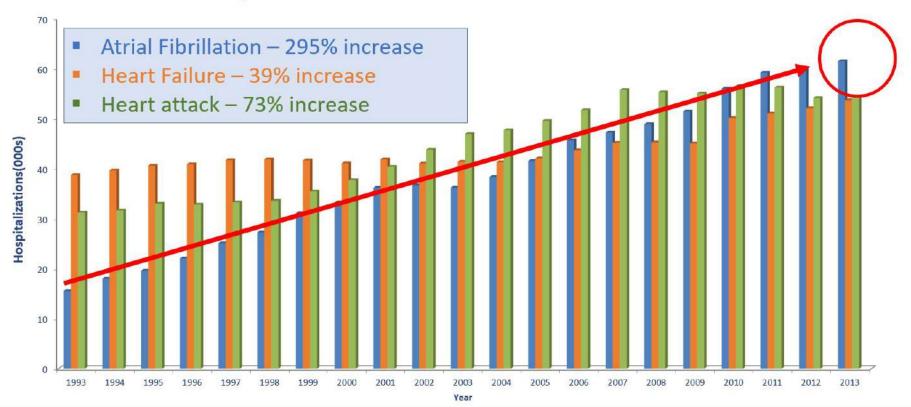
Global prevalence of AF 33.5 million affected (0.5% of the world population)

Prevalence of atrial fibrilation and flutter (per 100,000) by region, 2010



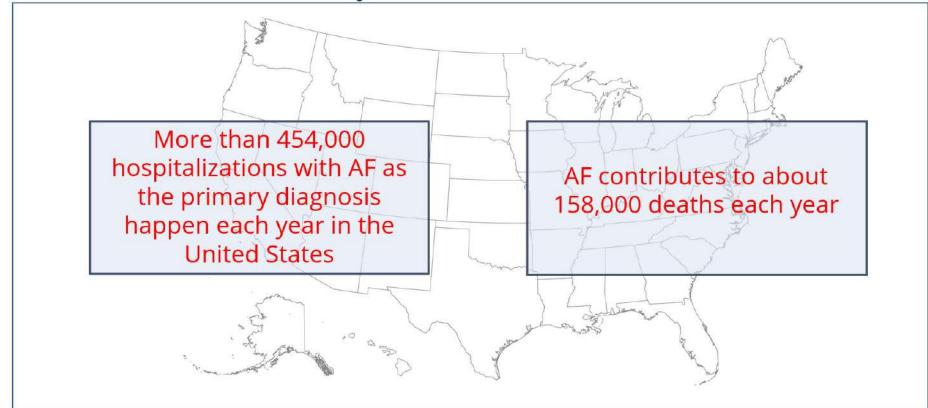
Likely an underestimate
Many asymptomatic
Surveillance mostly in developed world (70% of data)

AF hospitalizations 1993-2013



Gallagher C et al. Heart 2019

AF hospitalizations - USA





Benjamin E et al. Circulation 2019

Modifiable risk factors

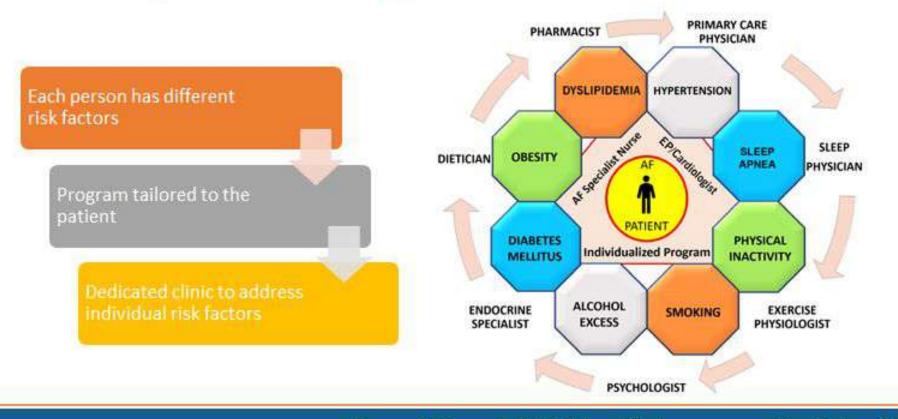


MECHANISTIC CHANGES

Atrial Remodelling Abnormal Conduction Atrial Enlargement Progressive Substrate Inflammation Expression of Endothelin Receptors Atrial Dysfunction LA Pressure LA Volume Epicardial Fat Vagal Tone Endothelial Dysfunction Cellular Myolysis Oxidative Stress Conduction Slowing Interstitial Fibrosis Ectopic Triggers

Middeldorp ME et al. Heart 2020

Lifestyle management: What is it?



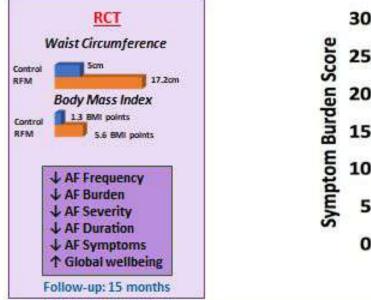
Chung MK, et al. AHA Scientific Statement. Circulation 2020

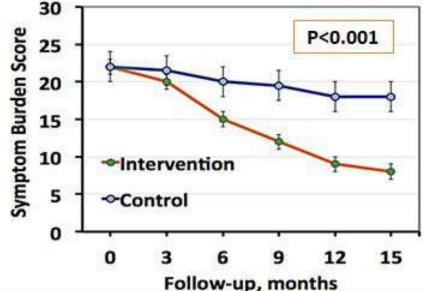
Risk factor management for AF

	the second se	10% weight loss •Diet kg/m² •Curr	ent activity levels ate – permanent	EXERCISE TARGET •30mins, 3-4 x per week •Activity increase to 200mins/week	
EVALUATE •Diet •Glucose tolerand test	DM TA • Dietary changes • Start Metformin >6.5% @ 3mths • Endocrinologis	s n: ifHbA1c	WEIGHT LOSS & EXERCISE BLOO PRESSU	EVALUATE •BP diary •Exercise stress tes intolerance •Record 2-3 x daily	•ACEI or ARB if required
EVALUATE Overnight sleep study	OSA TARGET • CPAP if AHI ≥30 • or ≥20/hr with resist or daytime sleepiness • CPAP adherence che	tant HT <u>OSA</u>	Comprehensive Risk Factor Management	•Diet •Ac	LIPID TARGET ietary changes 3mths: Start statins if LDL>100mg/ dd fibrates if TG>200mg/dl art fibrates if TG>500mg/dl
- S1245	ssess smoking • Ce	AOKING TARGET ase all forms of bacco		ssess intake •Reduct	ALCOHOL TARGET ion to ≤30g/week ete abstinence if required

Middeldorp ME et al. Heart 2020

Randomized study of RFM: Effect on AF symptoms

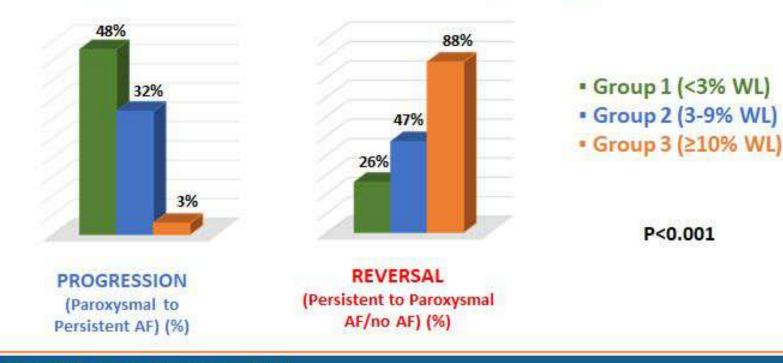




Abed H et al. JAMA 2013

Middeldorp ME et al. Heart 2020

REVERSE-AF: Impact of RFM on AF progression



Middeldorp ME et al. Europace 2018

HELP-AF: Nurse-led education study





Gallagher C et al. JACC: Clinical Electrophysiology 2019

Education and plan

Reduces hospitalization by:

26% for any hospitalization
31% for AF hospitalization
49% for cardiac hospitalization

Patient centred care - Patient information and education



What next?

- Study the feasibility of a risk factor management in AF patients in the United States
- Assess the impact of education on hospitalizations in the United States



Brittney Miller, M.S.

Career <u>Developm</u>ent Grant



Physician Assistant Program

Charles Drew University of Medicine and Science Health and Medical Sciences



Sandra Portocarrero, Ph.D.



Race, Expertise and Diversity, Equity, and Inclusion Workers

Columbia University Organizations, Expertise, Race



American Fellowship

Research Questions

- 1. What role does the ethnoracial background of DEI workers play in their perceived fit to fulfill the tasks associated with DEI?
- 2. How are workers' self-presentation aligned with organizational norms on what counts as DEI expertise in this particular context?





The ethnoracial background of DEI workers shapes the perceived fit to fulfill the tasks associated with DEI work at Redwood





Workers' self-presentations are aligned with organizational norms on what counts as DEI expertise.



How do we make sense of this juxtaposition?



A Theory of Racialized Expertise

The race of workers is a critical thread that links together objects, techniques, devices, and institutional and spatial arrangements



Aliannea Sherman, M.S.

Selected Professions Fellowship



Using Immersive Technologies to Explore and Assess Cultural Competence in Healthcare Training

California State University-Los Angeles Computer and Information Sciences



Using Immersive Technologies to Explore and Assess Cultural Competence in Healthcare Training

Our Goal

Use a virtual reality experience with an interaction between a virtual patient and a nursing student to teach, practice, and assess cultural competence.

Cultural Competence in Healthcare

- What is cultural competence in healthcare?
 - "Delivering effective, quality care to patients who have diverse beliefs, attitudes, values, and behaviors"
- Without culturally competent care, there can be preventable mistakes and adverse events.



From How to Improve Cultural Competence in Health Care, Tulane University School of Public Health and Tropical Medicine: https://publichealth.tulane.edu/blog/cultural-competence-in-health-care/

Cultural Competence in Healthcare

- Culturally and linguistically appropriate services (CLAS) can help improve health outcomes and decrease health disparities.
- The principal standard of CLAS involves delivering equitable care that is:
 - Effective
 - Understandable
 - Respectful



From How to Improve Cultural Competence in Health Care, Tulane University School of Public Health and Tropical Medicine: https://publichealth.tulane.edu/blog/cultural-competence-in-health-care/

Evaluating Patient Interaction

- Eye contact
- Physician-Patient Talk Time Ratio
- Displays of Therapeutic Communication Techniques
 - \circ Active, attentive listening
 - Reflection, sharing observations
 - Empathy
 - Share hope
 - Share humor
 - Touch



Computer-generated 3D hospital room

• Asking questions relevant to the patient population (gender, ethnicity, religion)

Benefits of Virtual Reality Simulations

- Students can interact with patients from less common backgrounds and communities
- Teach foundation and fundamentals
- Can adjust patient vital signs and customize scenario
 - Blood Pressure
 - Heart Rate
 - SpO₂
 - Temperature





Virtual Patients using Metahuman Creator



Zayda Sorrell-Medina, Ph.D.



ΑΑυ

Measuring the Impact of Immigrant-Serving Nonprofits

University of California-Irvine Urban Planning and Public Policy Immigrant-Serving Nonprofit, Inclusion, Citizenship



My dissertation investigates the relationship between the **US immigrant-serving nonprofit sector** and **immigrant inclusion** outcomes in US cities



Research Problems

My dissertation identifies three research problems in the immigration and nonprofit literatures related to the aforementioned empirical relationship:

- 1. **Theoretical:** Nonprofit theories which seek to explain why nonprofits emerge and their function in society, do not holistically explain immigrant-serving nonprofit behavior, which gives rise to theoretical bias and skewed understandings of the immigrant-serving nonprofit sector.
- 2. Empirical & Methodological: Although it has been found that immigrant-serving nonprofits contribute to the degree to which cities are inclusive towards immigrants, no known study has comprehensively identified the strategies that organizations employ that contribute to these inclusion outcomes. Moreover, many studies examining this relationship employ case study methods which do not allow for generalizations.
- 3. Empirical & Methodological: Studies claim that some strategies are more effective than others in contributing to immigrant inclusion and that strategies vary across liberal and conservative contexts. Yet many of these studies are limited employing case study methods that do not allow for generalizations.



Research Questions

- 1. Why do immigrant-serving nonprofits emerge? What are their goals in society?
- 2. How do immigrant-serving nonprofits contribute to immigrant-inclusion outcomes in the US?
- 3. Do immigrant-serving nonprofit strategies significantly differ in cities with varying degrees of inclusion levels?

Methods Used: interviews, quantitative content analysis, and survey design



Key Findings

- 1. Exclusion is a key condition that explains why immigrant-serving nonprofits form and exist.
- 2. There are several micro-level variables that make a difference in the social change process (e.g. emotions).
- 3. The goal of the immigrant-serving nonprofit sector is to promote immigrant legal, rights, and cultural inclusion in society. 92% of all US imm.serving nonprofits express this as a goal (±7%).
- 4. There are over 75 strategies that immigrant-serving nonprofits employ that contribute to immigrant-inclusion, which can be grouped into 9 main strategies (e.g. legal /social services; faith organizing; public education; cultural advocacy; confrontational advocacy).



Research Implications

- 1. Theoretical
 - Refines nonprofit theories and advances ground work for a new nonprofit theory
- 2. Empirical
 - Advances two measurement instruments that can be used for a) future empirical testing; b) measuring the degree to which US cities are inclusive towards immigrants and c) the degree to which organizations employ different strategies.
- 3. Nonprofits
 - Dissertation has implications for nonprofit strategic planning.
- 4. Public Policy
 - Findings from the analysis are helpful for local city planners and government officials for identifying effective solutions for promoting inclusion in their community
- 5. Organizers and Activists
 - Group interventions that seek to change people mindsets and engender certain emotions can effectively create more inclusive cities.



Legacy Circle Judy Horan



Mooneen Lecce Giving Circle

For information contact Sharon Schuster at: sharon@schuster.org 818 888-1376



AAUW Fund Chair Board Secretary

Lynne Batchelor



Next Steps

- Make a donation to AAUW Fund
 - Deadline December 31, 2021
- Identify Named Gift Honorees
 - Branch named gift honoree application:
 - Deadline March 1, 2022
 - State named gift honoree application:
 - Deadline February 15, 2022
- View biographies and request a grant/fellow to speak at a branch or IBC meeting.



https://www.aauw-ca.org/category/aauw-fund-internal/



Make a <u>donation</u> to AAUW Fund and note that it is "In honor of AAUW California Fund Event."

